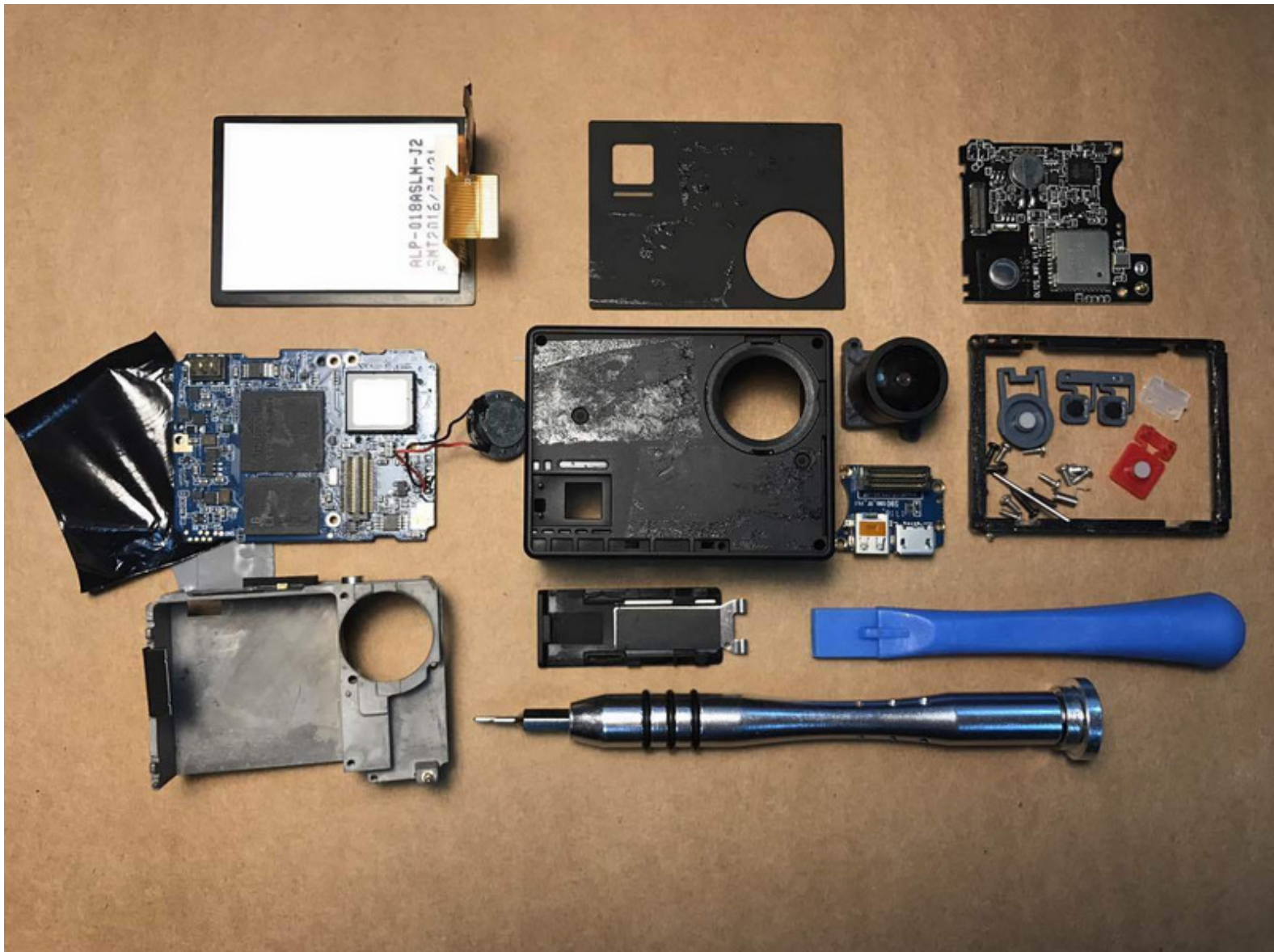




Live music depends GENE 4K motion camera C1 Teardown

Meng was born, 4K Live!!!

Written By: xiu Li



Step 1 — Live music depends GENE 4K motion camera C1 Teardown

Gene 4K运动直播相机



- Everyone says is broadcast in 16 years. Net phone plus red lights sitting live. GEEK will play a little more, they want to panoramic photography, to fly, run cool, to skydiving to bungee jumping, but also swim! ! OH MY GOD motion camera liability long way to go, think GEEK complete unto himself, perhaps you can begin to work out the camera right. . . The camera is probably the most sports that most of the Naicao. IP rating (dust-proof, shock-proof, waterproof) soared, consumers demand more and more portability metamorphosis. Lenses do not come out, smaller, smaller, smaller, smaller, smaller, according to reports, the music, as the secretive organization GENE sports team on November 24 at the Beijing 798 Art District, issued a comprehensive set of high-quality broadcast hardware equipment
- As a highly integrated live camera movement, both 4K video recording, 140 ° wide-angle panorama stitching freedom, hidden lens, but also cured my years of obsessive-compulsive disorder. (About life, weight, pixels, image quality and related accessories details) specific details of the venue and the music parameter body's official website. <https://item.jd.com/11044928656.html#pro...> today mainly to see how it can guarantee hidden camera, how to do so compact stack, how do the cooling, but also as a follow-up to support their own Dimension & demolition guidance machine instructions.

Step 2



- Be opened to appreciate the full Mito
- Front view: hidden fisheye indicator recording pause button.
- Rear view: Preview touchscreen. Overall very, very clean!
- Top view: MIC hole LED assembly Power & Shutter & video and one of the keys.

Step 3



- Under view: the battery door
- Left view: Lock screen button (when recording power) and WIFI switch
- Right view: a collection of interfaces and Speaker Why Fig connector cover on the material, the box is hand paint? !

Step 4



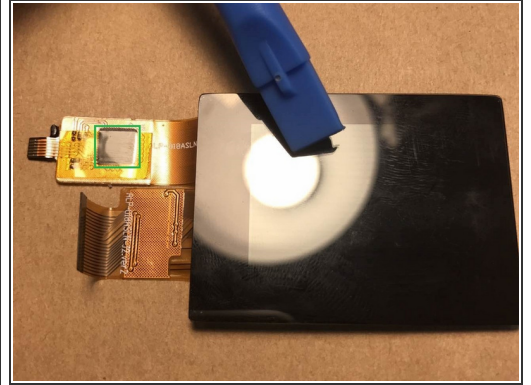
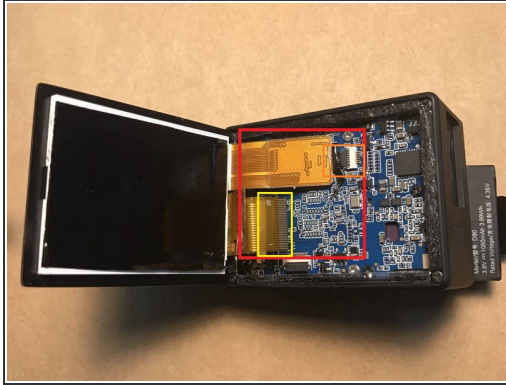
- Because I have two. . . 233 333
 - TF card slot
 - HDMI Interface
 - Rechargeable USB interface TF card can watch videos and photos

Step 5



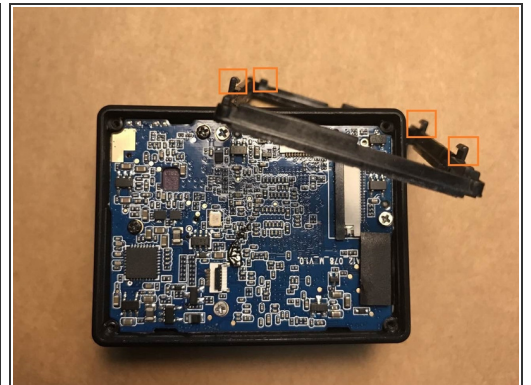
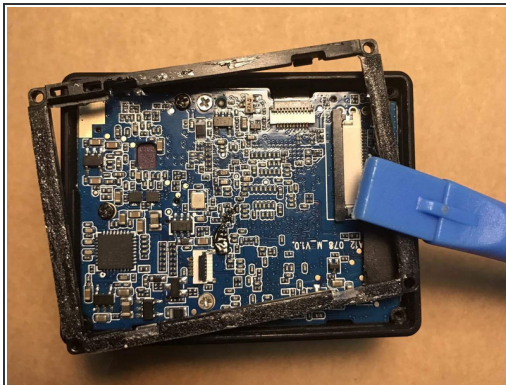
- Cute si your small battery (parameters Figure)
 - ① Officially be opened first with a hot air gun against mid-range around the screen for 30 seconds (not too close)

Step 6



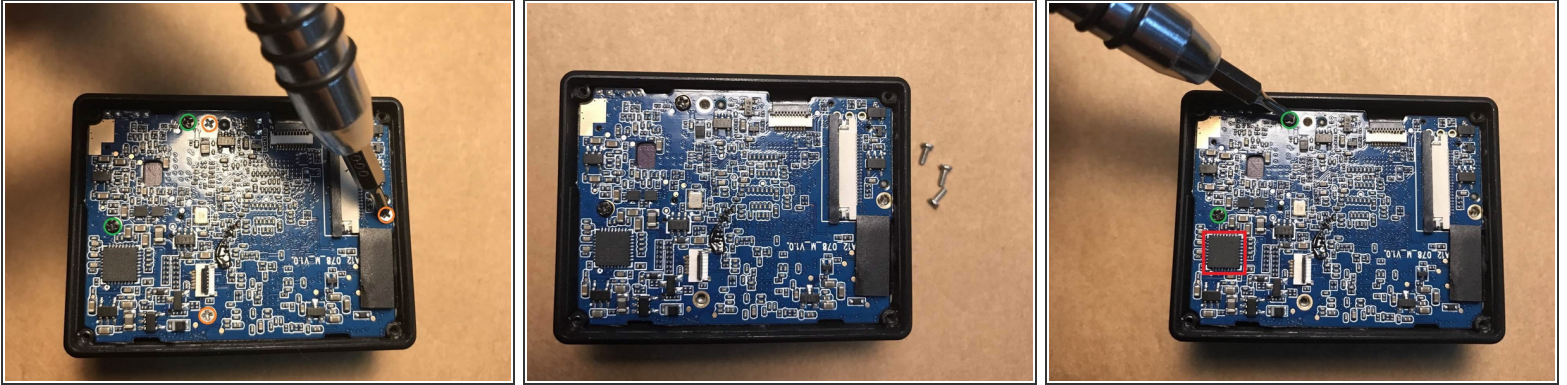
- Fins tool to pry open, pay attention to Jin Qiao.
- 6pinTouch screen
- 20pinLCD line
- Touch chip FT3306DMB ER13110B QFN

Step 7



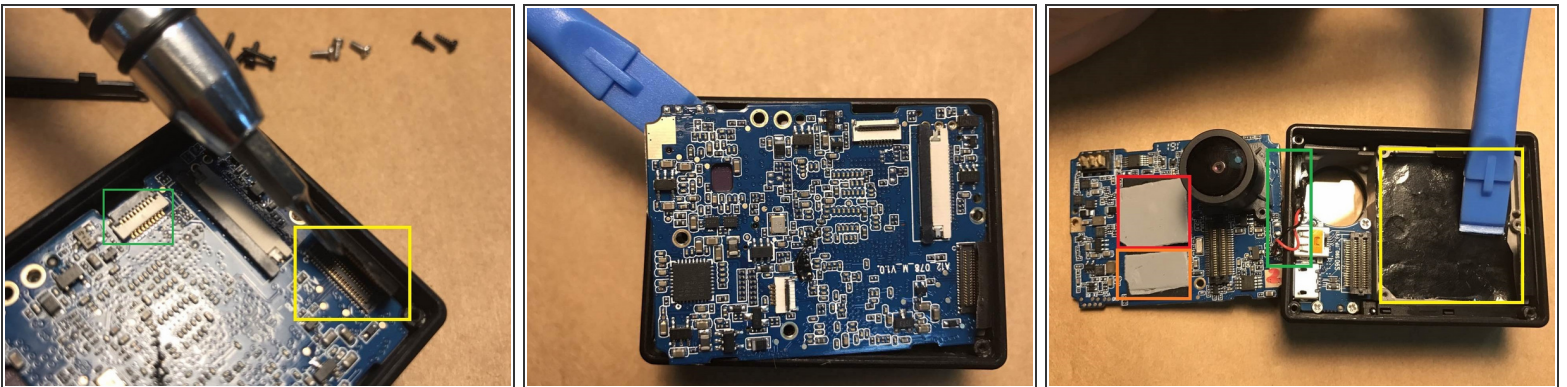
- Remove the display bracket screw four M1.5 * 7mm
- Along the four snap outward and upturned open position

Step 8



- Three main PCB fixing screws M1.5 * 4mm
- Two mounting screws M1.5 * 5mm lens If the lens is generally not bad, do not recommend dismantling the two nails, outside apart and will pollute the CMOS. Difficult to restore.
- TLV320AIC3204 fe591 c6p1 g4 audio decoder

Step 9



- Poke main sub-panel connectors (Vertical)
- And MIC, switches and indicator deputy board connectors (tilting pan)
- Gently upward force, moving the main PCB board
 - Left two thermal mud
 - Green part Speaker
 - Battery compartment cooling graphene

Step 10



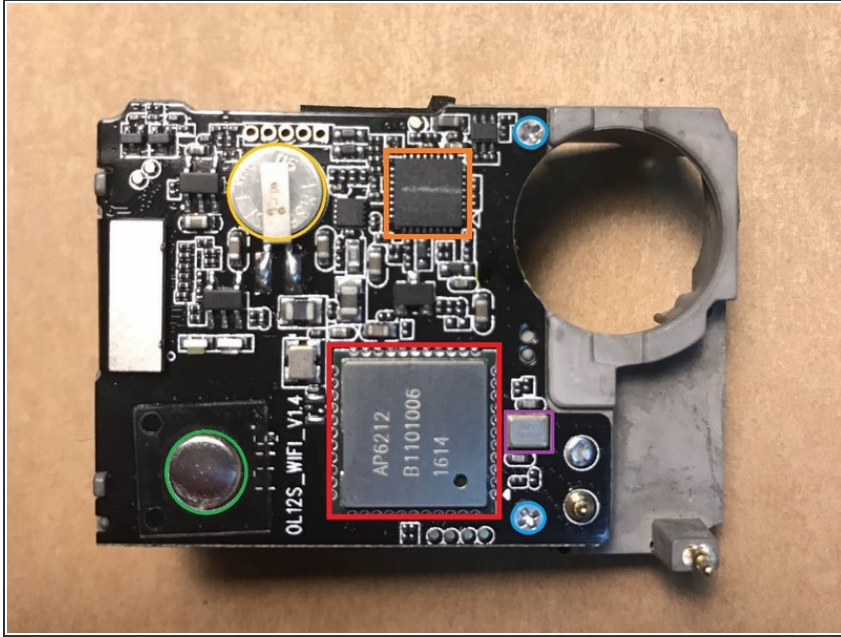
- Look at the big picture: the motherboard chip including:
 - Ambarella A12-A2-RH 2N1 A12S75 video processing chip
 - CHIPSIP CT49488DD962D1 H11059D 1516 芯片 NAND MCP (2Gb) + DDR3L (4GB)
 - SONY Exmor R CMOS sensor, 12 million pixels can support 4K / 30fps, 1080p / 100fps video recording, high-definition broadcast 720p / 30fps and the like.
- Remove the four M1.5 deputy board * 4mm screw
- Use fins upward force, tilt

Step 11



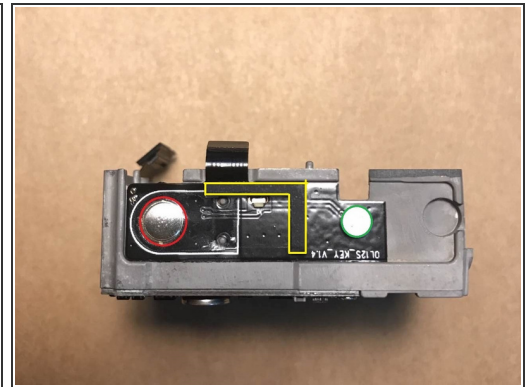
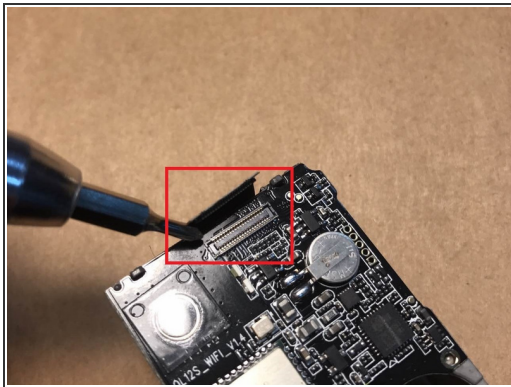
- Top up inside the battery compartment, battery compartment bracket off
- RF board on the back of the bracket

Step 12



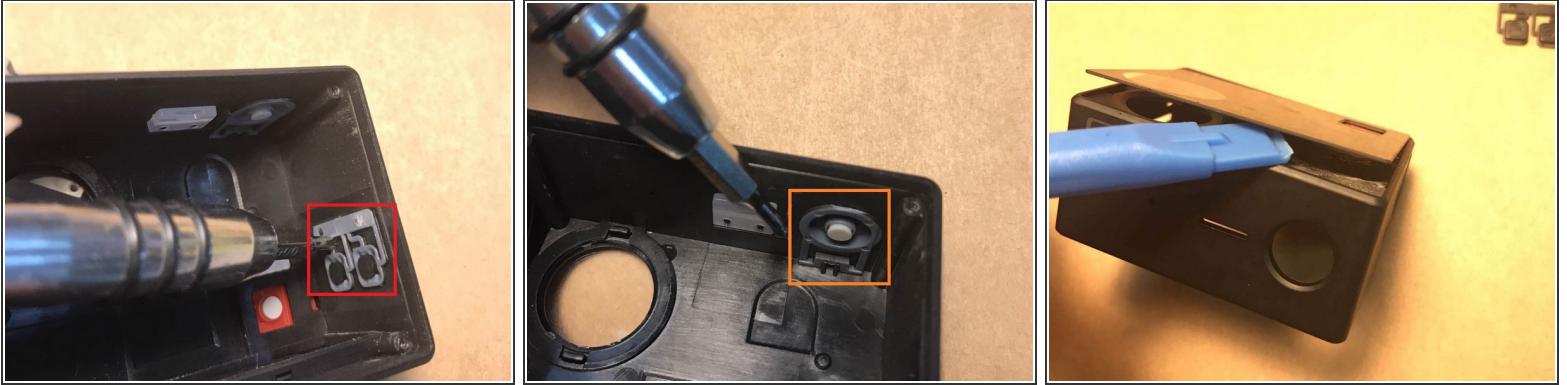
- Have a look at what:
 - RF chip AP6212 (WIFI + BT)
 - Elan MCU
 - Button Battery
 - Stop Recording button Stewed
 - Remove the two screws fixing the front line with specifications
 - Crystal

Step 13



- Unplug the main and auxiliary connector
- Before and after the lock screen with WIFI dome two FPC connecting the main sub-panel
- Top: power button LED dome light compartment foam and MIC

Step 14



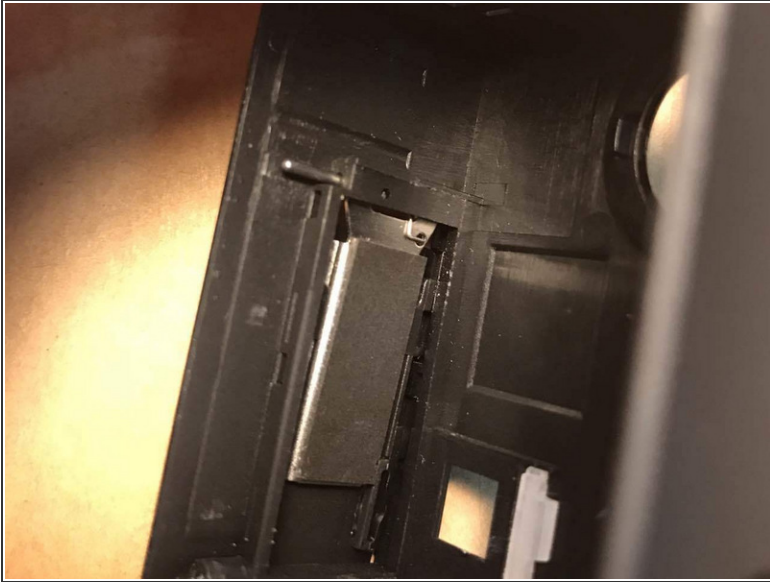
- 2 button key set of multi-cantilever, mainly the inner wall of a long column and side-mounted hot-melt. Key contacts end with rubber pads to increase key touch. Very careful, feel the structural engineers, serious and professional.
- Top power button double cantilever, vertical rib on the plug in the box position. Contact terminal also has a rubber pad.
- Midrange with hot air blowing toward the front panel for about 1 minute, to be blown to every corner.

Step 15



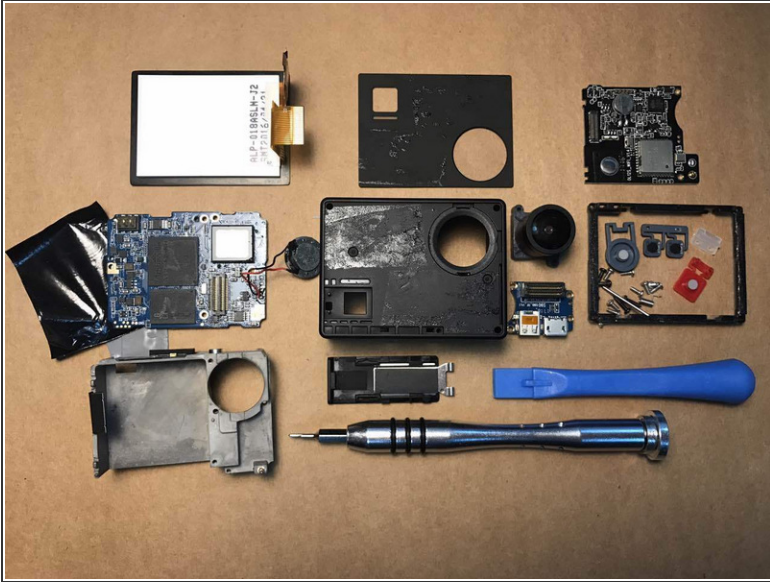
- Recording Pause button and indicator light
- Front Panel feature set
- Next, remove the battery compartment door: a screw top battery cover rotation axis

Step 16



- Machine really small, demolition process is very careful, a lot of sweat. But not only touched the cool hand paint, weather resistance is also good. Wipe on OK. Judging

Step 17



- Figure end: really can not be broken.
- + If your electronic products are always bad, you can focus disassemble site, you can leave a message to consult the relevant background issues. + + + Putian students will try to answer
- Scan QR code to watch more Chinese to create intelligent hardware it! ! !

当重新组装你的设备时，请按照说明的相反顺序进行操作。

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